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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/799,993

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Hideyuki Sawada

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EXAMINER

HOLLOWAY III, EDWIN C

ART UNIT

PAPER NUMBER

2612

DATE MAILED: 08/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	Application No. 10/799,993	Applicant(s) SAWADA ET AL.	
	Examiner Edwin C. Holloway, III	Art Unit 2612	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 June 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) ✓   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                     | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) ✓<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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**EXAMINER'S RESPONSE**

1. In response to applicant's amendment filed 6-14-06, all the amendments to the specification and claims have been entered. The examiner has considered the new presentation of claims and applicant's arguments in view of the disclosure and the present state of the prior art. And it is the examiner's opinion that the claims are unpatentable for the reasons set forth in this Office action:

***Claim Rejections - 35 USC § 102 & 103***

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claims 1-5 and 8-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cha (US 6212439) in combination with Huang (US005856789A).

Regarding claims 1, Cha discloses a computer with user programmable button control operate a program in response to signal from a panel or from a remote control signal. A user selects via a computer input device a directory and execution file name to be stored in the table of fig. 7 corresponding to a button a represented by a scan code as indicated in fig. 6. See cols. 5-6. Regarding claim 2, the tables in figs. 6 and 7 include plural programs. Regarding claim 3, fig. 6 includes an identifier selector (icon) and identifier register (program

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name). Regarding claim 4, a resource identifier is included in the from of the directory information in fig. 7. Regarding claim 5, the Execution file name and directory information represent program and operation. Regarding claims 8-12, the invention of Cha is in software on a personal computer.

Regarding the 6-14-06 amendment, independent claims 1 and 8 were amended to include registering the remote control code and selected operation of a program in a table "regardless of whether the register has previous knowledge of the remote code" that differs from Cha disclosing a "predetermined" scan code from the remote controller.

Huang discloses an analogous art computer system switched by a remote controller. So that a remote controller dedicated from controlling an appliance may be used to control a computer (col. 1 line 10 - col. 2 line 6), the computer system learns remote control codes from the buttons of any kind or brand of conventional remote controller and saves the code in a register (col. lines 10-42). In a configuration operation sampled codes are assigned to operations of the computer such as execution of a software program. Each sampled code and assigned operated are stored in the computer to allow remote control of the computer when the assigned code is received (col. 3 lines 31-4).

It would have been obvious to one of ordinary skill in the

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art at the time the invention was made to have included in the invention of Cha the registering of the remote control code and selected operation of a program in a table "regardless of whether the register has previous knowledge of the remote code" of amended independent claims 1 and 8 because this is taught by Huang in order to use any kind or brand of conventional remote controller as a wireless peripheral device to remote control a personal computer.

4. Claims 2, 4-7 and 9, 11-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cha (US 6212439) and Huang (US005856789A) as applied above in view of Wugoski (US 6690392). If claims 2 and 9 requires plural operations for a single button input, then such would have been obvious in view of Wugoski disclosing assigning a macro sequence of command to a single remote control button in col. 7 for to reduce rudimentary tasks. Regarding claims 4 and 11 if the resource identifier is a web domain name then such would have been obvious in view of Wugoski disclosing this in col. 7 line 9 to reduce rudimentary tasks. If executing a program is not sufficient identifying an operation for claim 5 and 12, then further operation identification would have been obvious in view of Wugoski disclosing launching web browser and the operation of selecting a domain to reduce rudimentary tasks. Regarding claims 6 and

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13, message storage and display would have been obvious in view of program names of Cha typically being displayed as part of the program window and/or Wugoski disclosing checking email and voice mail message in col. 7 lines 24-26 to reduce rudimentary tasks. Regarding claims 7 and 14, continuous operation would have been obvious in view of the volume control input 405 in col. 7 lines 49-51 of Wugoski that is typically continuous to reduce rudimentary task of repeated volume input.

#### ***Response to Arguments***

5. Applicant's arguments with respect to claims 1-14 have been considered but are moot in view of the new ground(s) of rejection.

The 101 rejection is overcome by applicant's amendment.

#### ***Conclusion***

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action

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is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Kadnier (US 6097520) discloses a computer with receiver learning remote control codes.

#### **CONTACT INFORMATION**

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact an Electronic Business Center (EBC) representatives at 571-272-4100 or toll free at 1-866-217-9197 between the hours of 6 a.m. and midnight Monday through Friday EST, or by e-mail at [ebc@uspto.gov](mailto:ebc@uspto.gov). The Patent EBC is a complete customer service center that supports all Patent e-business products and service applications. Additional information is available on the Patent EBC Web site at <http://www.uspto.gov/ebc/index.html>.

Any inquiry of a general nature should be directed to the Technology Center 2600 receptionist at (571) 272-2600. Facsimile submissions may be sent via central fax number 571-273-8300 to customer service for entry by technical support staff. Questions related to the operation of the facsimile system should be directed to the Electronic Business Center.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edwin C. Holloway, III whose telephone number is (571) 272-3058. The examiner can normally be reached on M-F (8:30-5:00). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy Garber can be reached on (571) 272-7308.



EDWIN C. HOLLOWAY, III  
PRIMARY EXAMINER  
ART UNIT 2612

EH  
8/9/06